

Total Land Subsidence in the Northeast Phoenix and Scottsdale Areas, Maricopa County
Based on Radarsat-2 Satellite Interferometric Synthetic Aperture Radar (InSAR) Data

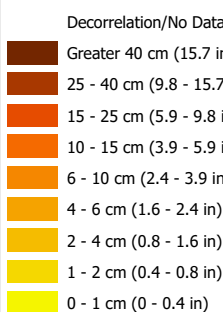
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Time Period of Analysis: 1.0 Years 05/22/2021 To 05/17/2022

Explanation

05/22/2021 To 05/17/2022

Total Land Subsidence



Subsidence Feature

Hardrock

Earth Fissures

CAP Canal

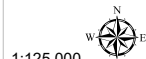
Highways and Interstates

Interstate

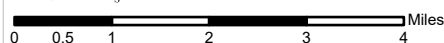
US

State

Roads



1:125,000



Decorrelation (white areas) are areas where the phase of the received satellite signal changed between satellite passes, causing the data to be unusable. This occurs in areas where the land surface has been disturbed (i.e. bodies of water, snow, agriculture areas, areas of development, etc).

Earth fissures were mapped by the Arizona Geological Survey. For information on earth fissures visit: www.azgs.gov/EFC

Coordinate System: NAD 1983 UTM Zone 12N
 Projection: Transverse Mercator
 Datum: North American 1983

Units: Meter
 Created: 5/23/2022

